

In the Claims:

1-20 (Cancelled)

21. (New) A method of servicing a hot passage distributor system positioned on an injection molding (IM) machine, the IM machine having a moveable platform and a fixed platform, the hot passage distribution system mounted on a head plate on the injection part of the mold and mounted on the fixed platform, and the ejector part of the mold being positioned on the moveable platform, the hot passage distribution system having at least two nozzle members mounted thereon for passage of molten resin material into a cavity in the mold, said method comprising the steps of:

separating the injection and ejector parts of the mold on the IM machine to allow access to first fastening devices which secure the injection part of the mold to the head plate;

removing said first fastening devices;

closing the mold;

fastening together the injection and ejector parts of the mold;

separating the mold from the hot passage distribution system and head plate; and

servicing said hot passage distribution system while still mounted on the head plate on the fixed platform.

22. (New) The method as set forth in claim 21, wherein said first fastening devices comprise at least two bolt members.

23. (New) The method as set forth in claim 21, wherein said step of fastening together said injection and ejector parts of the mold comprises attaching a bar member to the two parts of the mold.

24. (New) The method as set forth in claim 23 wherein said bar member is attached to the two parts of the mold by second fastening devices.

25. (New) The method as set forth in claim 24 wherein said second fastening devices comprise at least two bolt members.

26. (New) A method of servicing a hot passage distributor system positioned on an injection molding (IM) machine, the IM machine having a moveable platform and a fixed platform, the hot passage distribution system mounted on a head plate on the injection part of the mold and mounted on the fixed platform, and the ejector part of the mold being positioned on the moveable platform, the hot passage distribution system having at least two nozzle members mounted thereon for passage of molten resin material into a cavity in the mold, said method comprising the steps of:

separating the injection and ejector parts of the mold on the IM machine to allow access to first fastening devices which secure the injection part of the mold to the head plate;

removing said first fastening devices;

closing the mold;

fastening together the injection and ejector parts of the mold;

separating the mold from the hot passage distribution system and head plate; and

removing said hot passage distribution system and head plate from said IM machine.

27. (New) The method as set forth in claim 26, wherein said first fastening devices comprise at least two bolt members.

28. (New) The method as set forth in claim 26, wherein said step of fastening together said injection and ejector parts of the mold comprises attaching a bar member to the two parts of the mold.

29. (New) The method as set forth in claim 28, wherein said bar member is attached to the two parts of the mold by second fastening devices.

30. (New) The method as set forth in claim 29, wherein said second fastening devices comprise at least two bolt members.

31. (New) The method as set forth in claim 26 further comprising the step of separating said hot distribution system from said head plate after they are removed from the IM machine.

32. (New) The method as set forth in claim 26 further comprising the step of attaching at least one hook member to the head plate for use in removing said hot passage distribution system and head plate from the IM machine.

33. (New) An injection molding system comprising:
an injection molding machine having a first platform and a second platform with one platform being moveable relative to the other;
a mold having a first portion, a second portion and a mold cavity positioned between them, said mold cavity being adapted to receive molten plastic material;
a head plate member releasably mounted to said first platform;
a hot passage distribution system releasably mounted to said head plate member, said hot passage distribution system having a manifold and at least two nozzle members for distributing molten plastic material to the mold; and

said first portion of said mold being releasably attached to said head plate member by at least two fastener members, said fastener members being accessible only from the cavity side of said first portion.

34. (New) The system as set forth in claim 33 wherein said first platform is fixed and said second platform is moveable relative to said first platform.

35. (New) The system as set forth in claim 33 further comprising an attachment mechanism for selectively attaching together said first and second portion of said mold.

36. (New) The system as set forth in claim 35 wherein said attachment mechanism comprises a bar member and a plurality of screw or bolt members.

37. (New) The system as set forth in claim 33 further comprising a hook member attached to said head plate member for use in removing at least said head plate member from the injection molding machine.